

Brasco *Correlated* **Architectural Metal Products**

**ENTRANCES
STORE FRONTS
BRASCO WALL
TUBE SET**



No. 60

Brasco

MANUFACTURING CO. • HARVEY, ILL.

Brasco

Quality and Service For Almost Half a Century

For over 45 years Brasco has been providing architectural metal products with character, with strength . . . with client and customer satisfaction built in. You can use Brasco materials knowing that you will have less problems and more compliments . . . that you have used the material that will do the job you want done—best.

A Few Outstanding Brasco Installations

Evergreen Plaza Shopping Center—Chicago
Architect—**Holabird, Root & Burgee**
Associate—Howard W. Fisher & Assoc.

Lutheran Brotherhood Home Office Bldg.—
Minneapolis
Architect—**Perkins and Will**

Marquette University, Father Brook's Hall—
Milwaukee
Architect—**Brust and Brust**

163rd Street Shopping Center—Miami
Architect—**Gamble, Pownall & Gilroy**

M. D. Anderson Hospital—Houston
Architect—**Mackie and Kamrath**
Consultant—**Schmidt, Garden & Erikson**

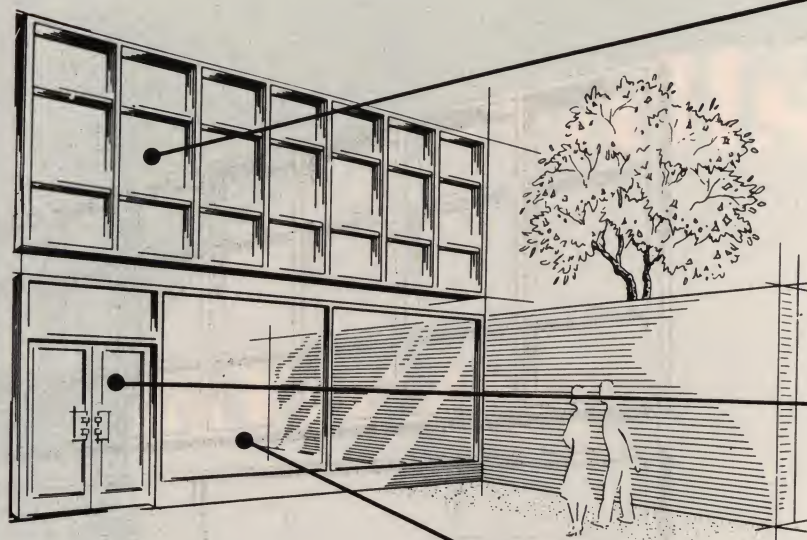
Sears Roebuck and Co.—Daytona Beach
Architect—**Walton, Spicer, Leete & Gehlert**

Jordan Marsh Co.—Miami
Architect—**Weed, Russell, Johnson Assoc.**

Julius Lewis Store—Memphis
Architect—**Hanker and Heyer**

Willow Lawn Shopping Center—Richmond
Architect—**Joseph A. Sanders and Assoc.**

All Brasco lines are engineered to provide materials with greater strength . . . longer life. Finishes, component parts, assembly methods are designed to cut down maintenance cost, repair call-backs, the necessity for later adjustments. Possible sources of trouble are eliminated in the original product giving you the most satisfactory architectural metals it is possible to manufacture.



Adaptable to Any Size Masonry Opening

Store buildings can be completed with spaces between piers left open. When type of occupancy is determined, Brasco Correlated Construction will fit perfectly into street and upper floor openings—from slab to lintel and pier to pier.

Correlation of store fronts, entrances and window wall units provides modern, unified appearance and speeds installation. All units can be installed by one contractor, with one responsibility for complete erection and glazing.



BRASCO-WALL

Stock or special size modular aluminum units adaptable to all types of glazing and spandrel materials . . . especially practical for single and double story buildings. Triple protection against weather infiltration through double gasketing and Thiokol glazing . . . unique "condensation outlet."

pages 9-12

BRASCO ENTRANCES

Two outstanding lines for varying job conditions and budgets . . . 6063-T5 aluminum alloy extrusions, 204A1-R1 anodized . . . thru-bolted and welded door corners . . . snap-in glass stops without screws . . . puttyless glazing . . . concealed pivot pin butt hinges . . . personalized push plates and bars.

pages 4-8

STORE FRONT METAL

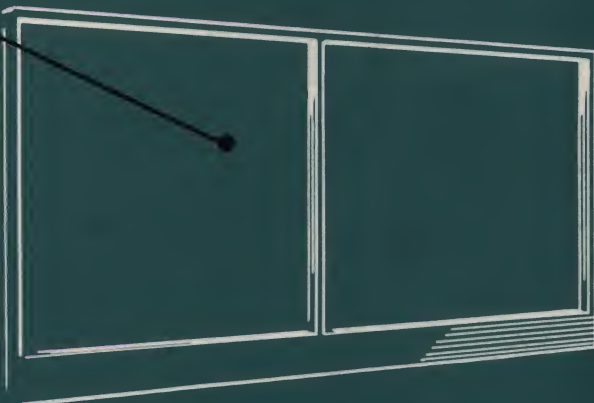
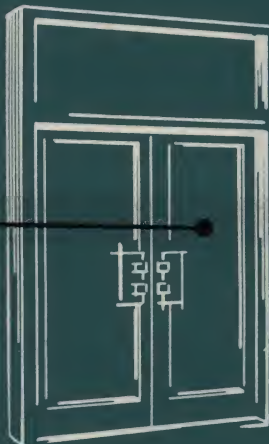
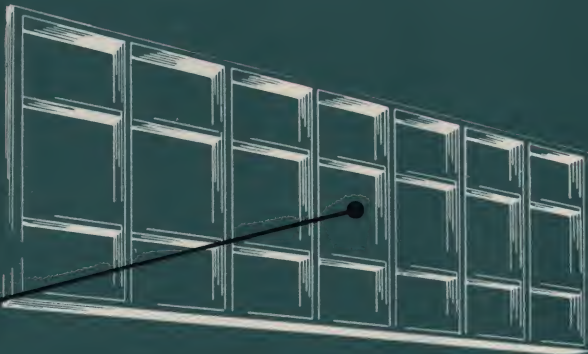
Anodized aluminum . . . rolled and extruded shapes for every store front requirement . . . clean, modern profiles . . . simplified setting . . . deep, safe glass grip. Direct-on-Masonry settings . . . snap-on mouldings . . . color enameled facing . . . heavy duty sash and bars.

pages 13-15

NEW TUBE SET

Flush glazing construction.

page 16



ENTRANCES—TWO COMPLETE LINES

Standard . . .

For Most Jobs —

Budget Priced

The strongest Standard line door on the market. Thru-bolts in top and bottom rail, deep "pentra-weld" at each corner and contour milled joints mean no slipping, no racking, no sagging . . . no expensive call-backs. You get a longer lasting door with a rich 204A1-R1 anodized finish. 6063-T5 extrusions are used throughout the door and frame. One glass stop is an integral part of the door stile, the other is a snap-in without screws. Door thickness — $1\frac{3}{4}$ ". Your own choice of hardware and dozens of possible door and frame variations.

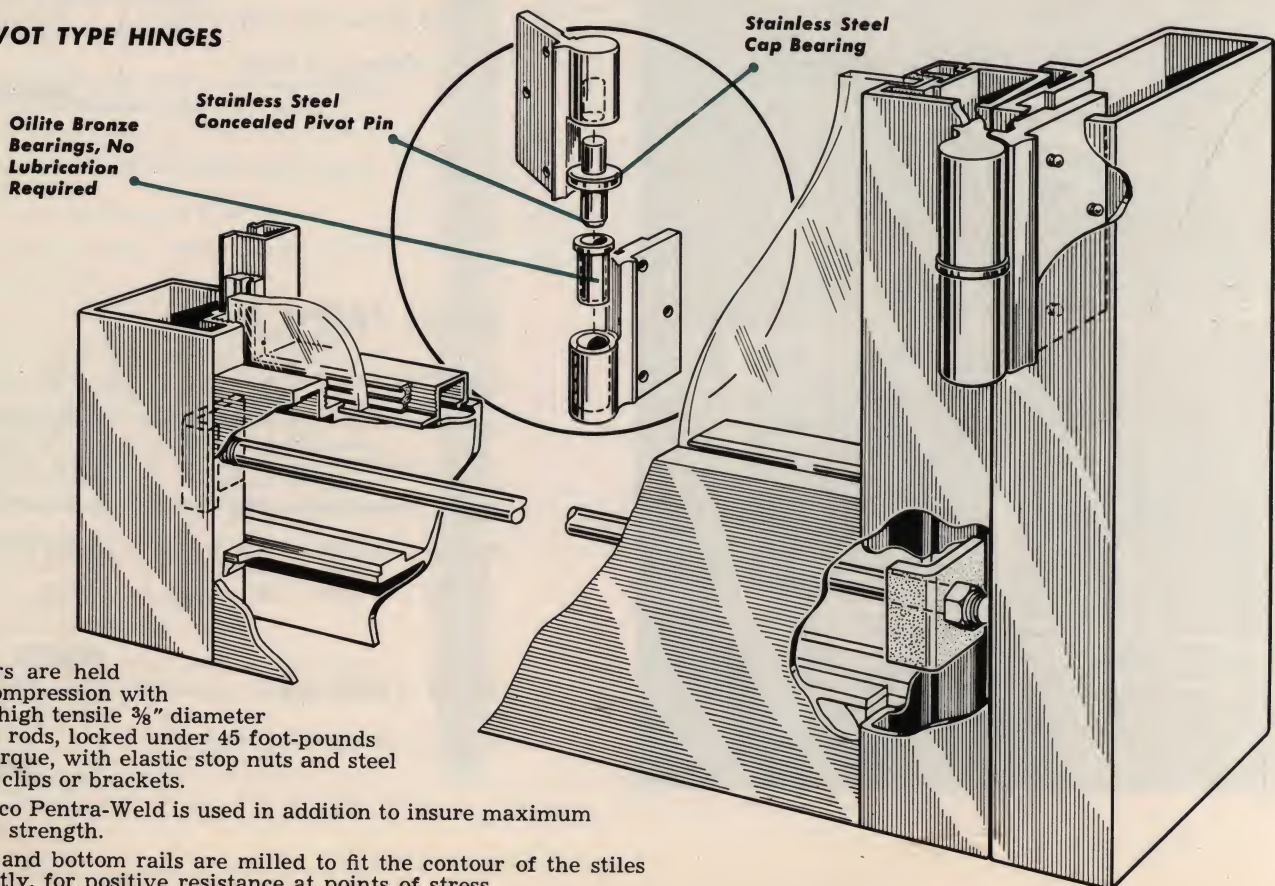
De Luxe . . .

**For the Finest Jobs
on the Board**

This is an exceptionally outstanding door for those who want the very finest obtainable. The door is a full 2" thick . . . frame is a massive 2" x 6". This, with thru-bolting, contour milling, "pentra-weld" makes Brasco De Luxe the ultimate in aluminum doors. Long-lasting, maintenance-free, easier and surer installation . . . the door you install with greatest pride. Practically every connection and screw is concealed. The finish is buffed, etched and anodized (204A1-R1) 6063-T5 aluminum alloy. Brasco De Luxe will meet *any* architectural requirement and has dozens of hardware and application variations.



PIVOT TYPE HINGES



Doors are held in compression with two high tensile $\frac{3}{8}$ " diameter steel rods, locked under 45 foot-pounds of torque, with elastic stop nuts and steel heel clips or brackets.

Brasco Pentra-Weld is used in addition to insure maximum joint strength.

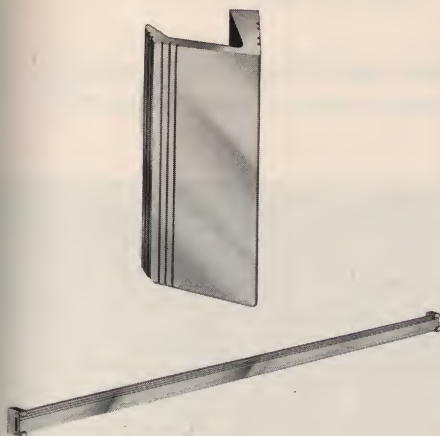
Top and bottom rails are milled to fit the contour of the stiles exactly, for positive resistance at points of stress.

ENTRANCE HARDWARE



Brasco
ENTRANCES

16a
Br



STYLE 700

Graceful, ribbed aluminum pull handle and sturdy, matching push bar. Grooved lines are available with or without color . . . red, blue, green, black . . . or both push and pull may be gold anodized. A practical, handsome hardware set.



STYLE 701

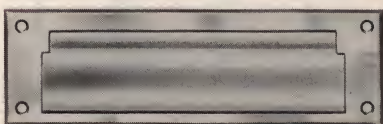
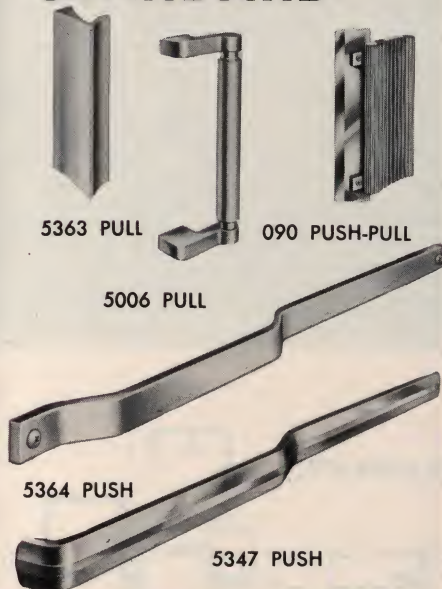
Modern plastic insert, with your choice of color and engraving, on graceful aluminum back plate . . . 12" x 5" pull plate and 4" x 18" push plate mounted on 700 bar. Personalize each job with this rich looking set.



STYLE 702

The simple dignity of a gleaming aluminum plate . . . grooves, if you want, in your own design. The face may be engraved . . . color filled or not. You may choose your own material and shape. Use this for individuality.

STANDARD

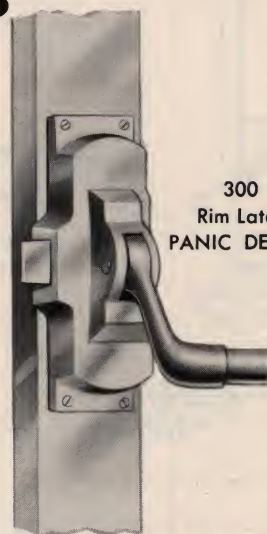


5146 LETTERSLOT

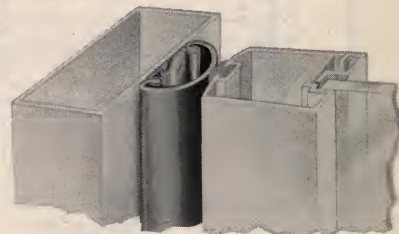
PANIC DEVICES



200
Concealed Vertical Bar
PANIC DEVICE



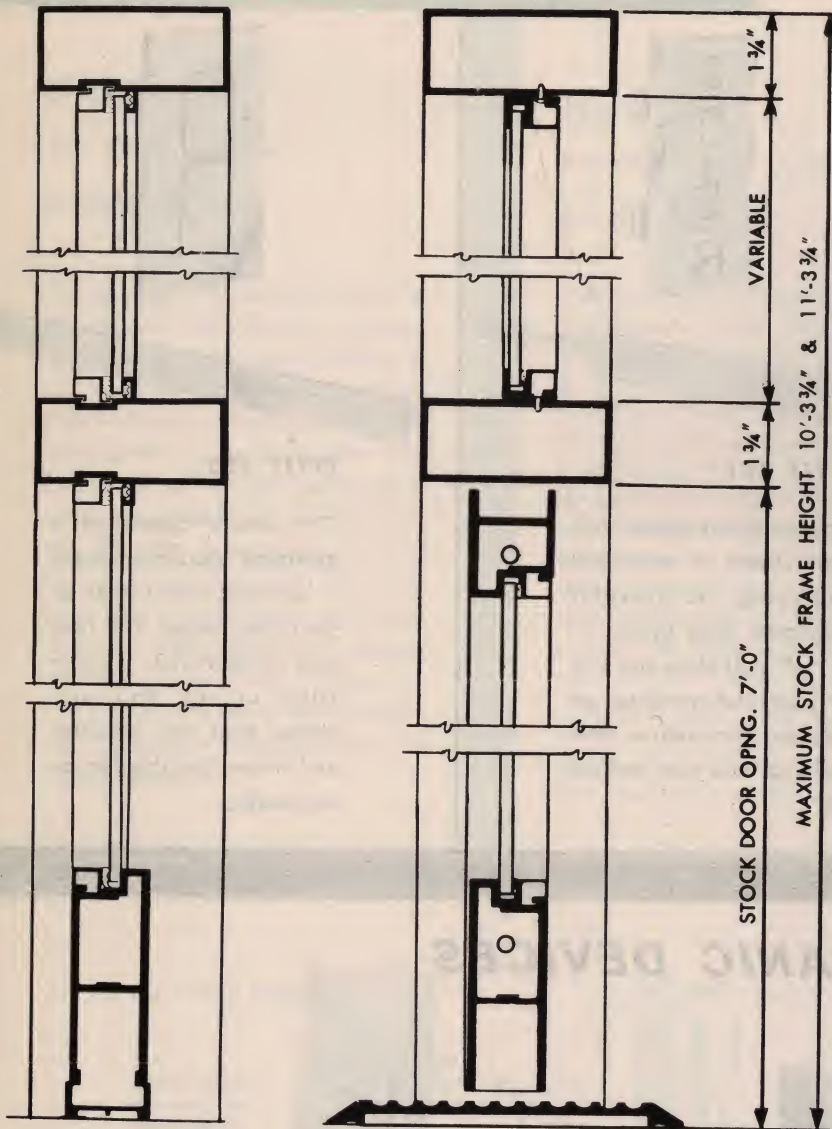
300
Rim Latch
PANIC DEVICE



372 FINGARD

STANDARD ENTRANCE DETAILS

quarter size

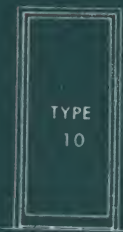


VERTICAL SECTION
THRU SIDE LIGHT

CENTER HUNG DOOR
WITH FIXED TRANSOM

Standard Doors are $1\frac{3}{4}$ " thick,
with tubular frames $1\frac{3}{4}$ " x 4".

TYPES OF ENTRANCES



SINGLE DOOR
AND FRAME



DOUBLE DOOR
AND FRAME



SINGLE DOOR AND
FRAME WITH FIXED
TRANSOM

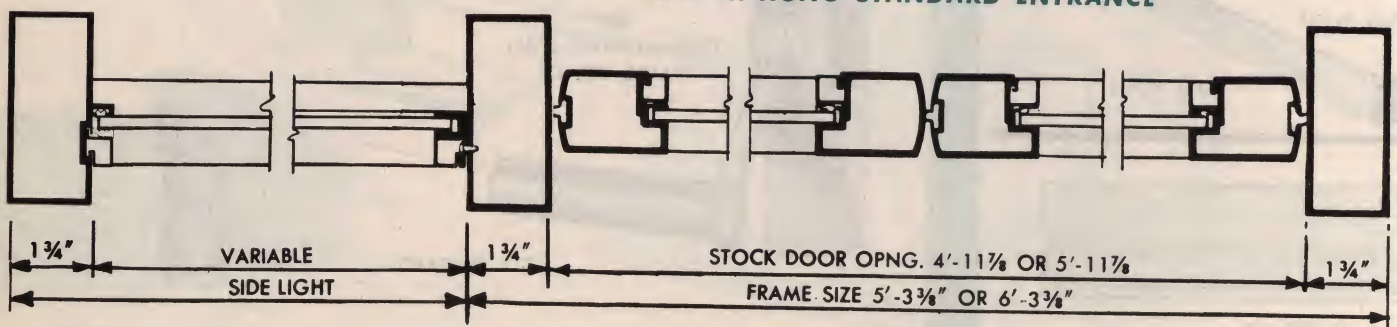


DOUBLE DOORS AND
FRAME WITH FIXED
TRANSOM

• ALSO AVAILABLE: Single Door without Frame, Double Doors without Frame, Available; single acting on butt hinges and overhead check, single acting on offset pivot floor check, or double acting on center pivoted floor checks.

QUARTER SIZE DETAILS

CENTER HUNG STANDARD ENTRANCE



DOUBLE DOORS WITH SIDE LIGHT

DELUXE ENTRANCE DETAILS

quarter size

DeLuxe Doors are 2" thick, with
2" x 6 1/8" frames.



Brasco
ENTRANCES

16a
Br

FOR BOTH LINES



SINGLE DOOR
SIDELIGHTS AND
FIXED TRANSOM

DOUBLE DOORS
SIDELIGHTS AND
FIXED TRANSOM



SINGLE DOOR
SIDELIGHT AND
FIXED TRANSOM

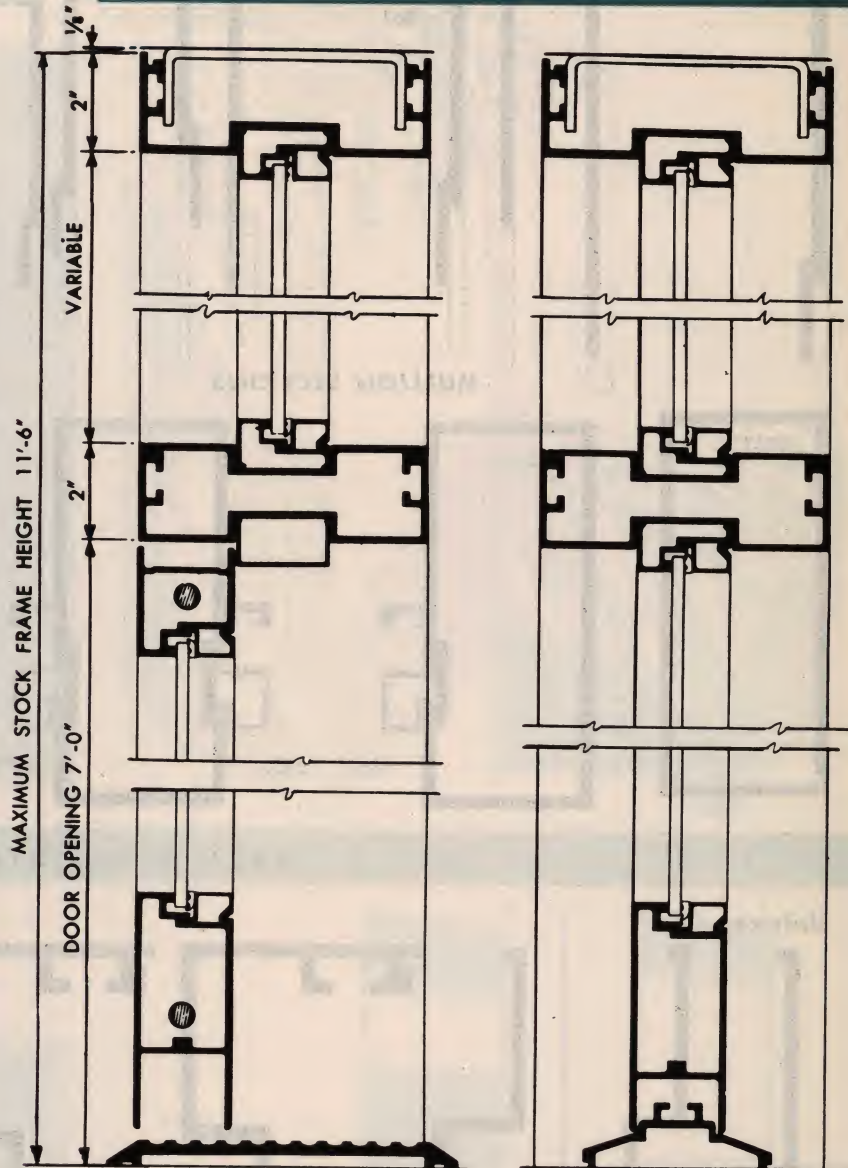


DOUBLE DOORS
SIDELIGHT AND
FIXED TRANSOM

SINGLE DOORS
CENTER LIGHT
AND FIXED
TRANSOM



TYPE
91

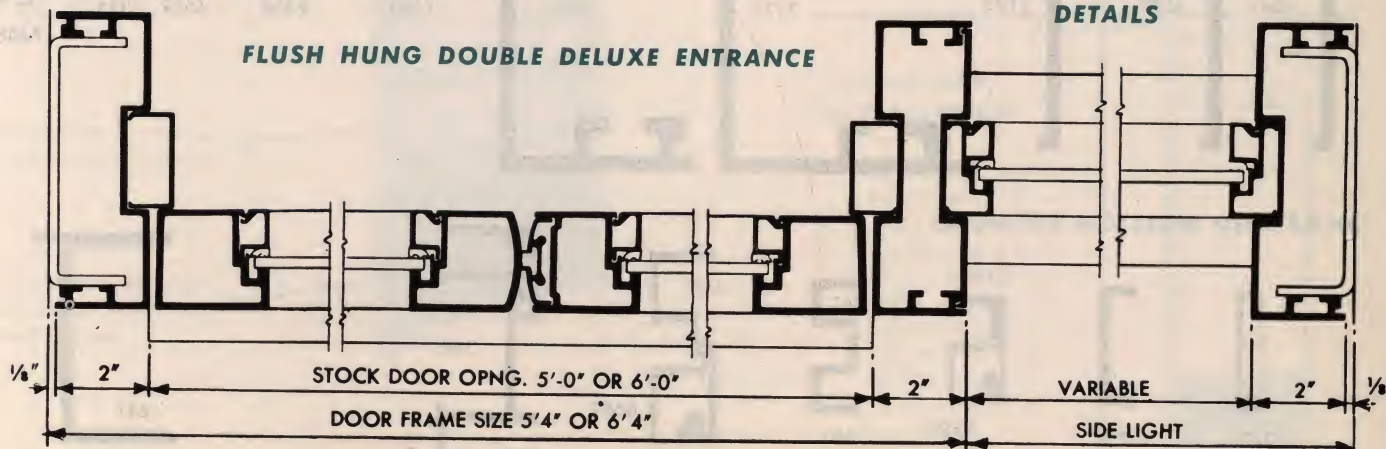


DOOR AND FRAME
WITH FIXED TRANSOM

VERTICAL SECTION
THRU SIDE-LIGHT

QUARTER SIZE
DETAILS

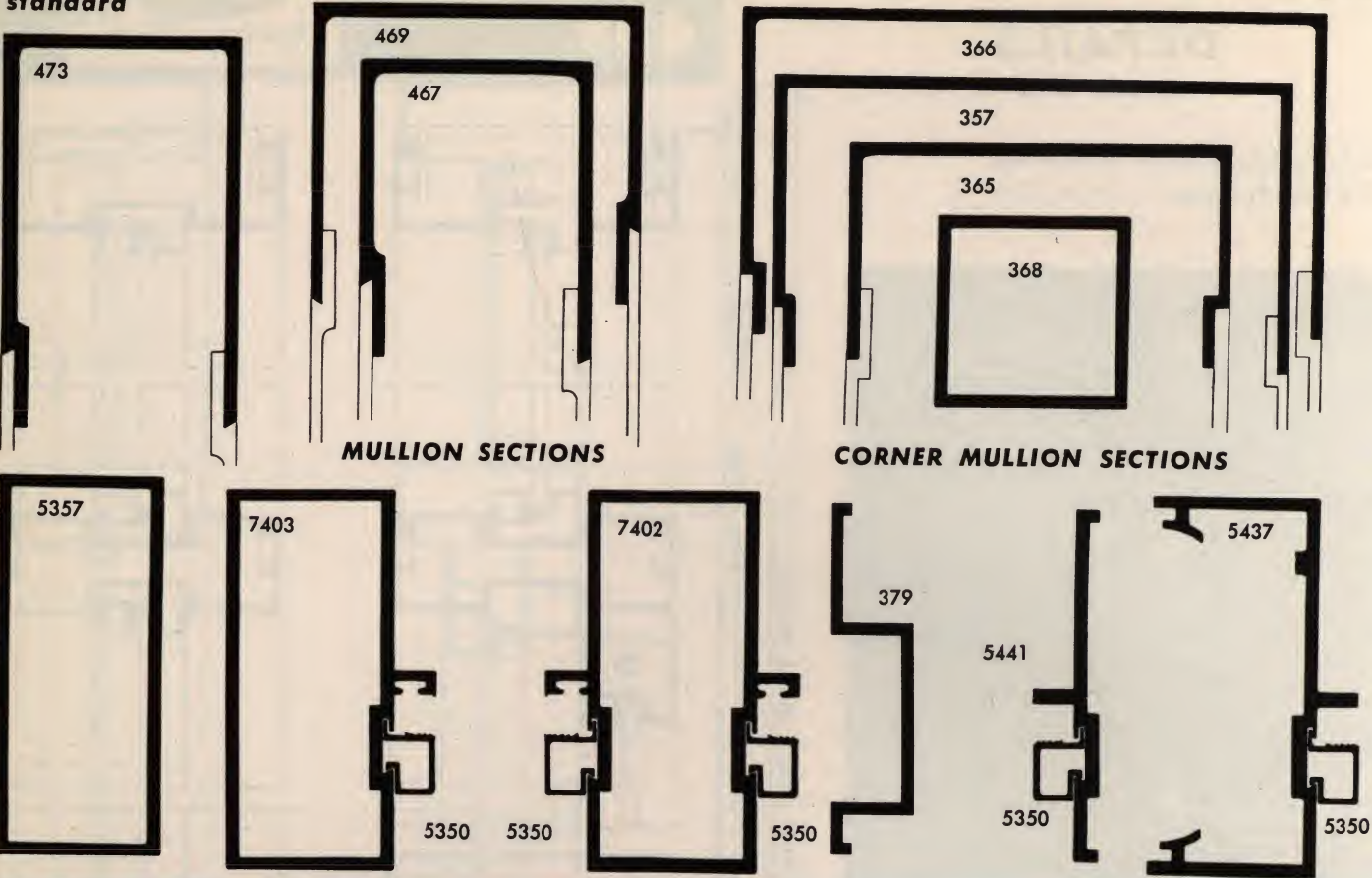
FLUSH HUNG DOUBLE DELUXE ENTRANCE



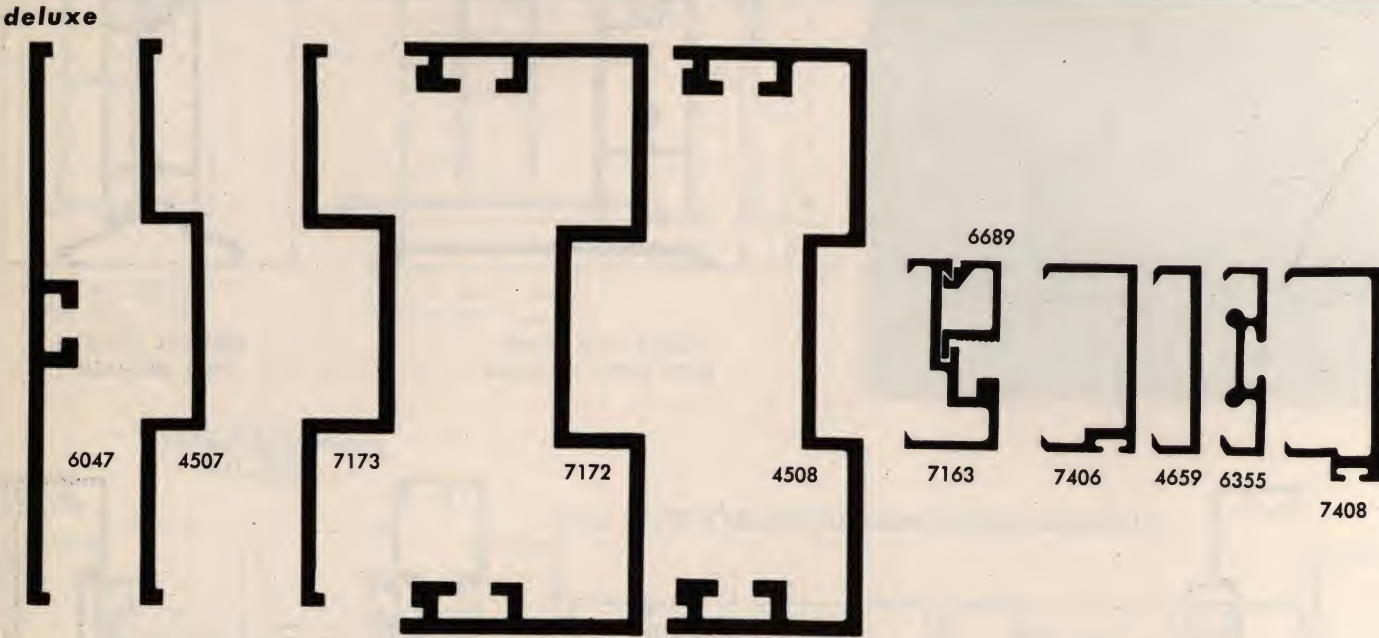
DOUBLE DOORS WITH SIDE LIGHT

ENTRANCE MOULDINGS

standard



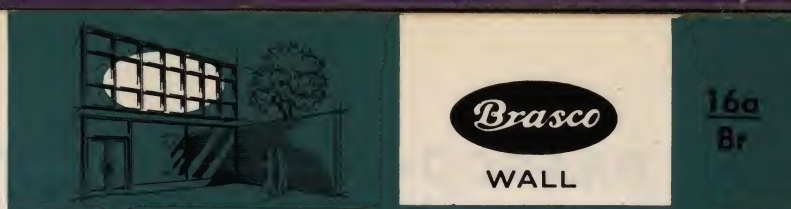
HALF SIZE DETAILS



JAMB AND MULLION SECTIONS

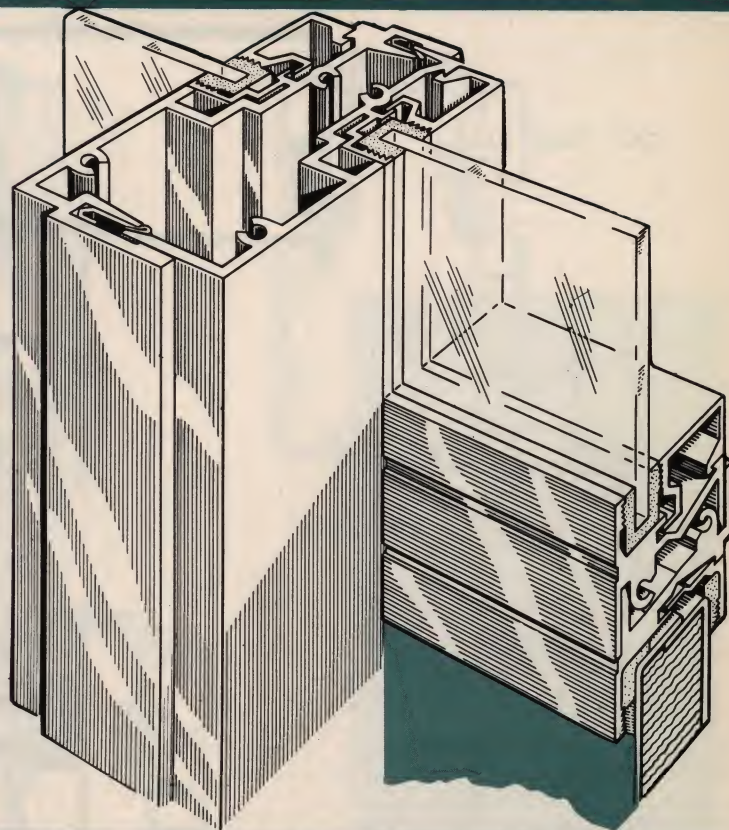


BRASCO • WALL



FOR COMMERCIAL, EDUCATIONAL, INSTITUTIONAL, INDUSTRIAL BUILDINGS

Brasco-wall is a monumental-looking construction designed primarily for one and two story buildings. It is engineered so that it can be installed several different ways . . . to meet varying conditions . . . with all screws and fastenings concealed. You get adequate tolerances for expansion and contraction and a long-lasting, rich-looking etched and anodized finish.

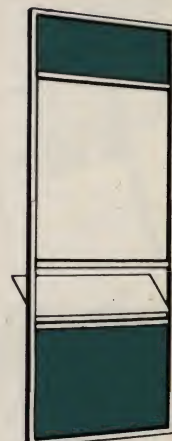
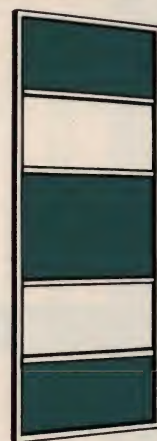
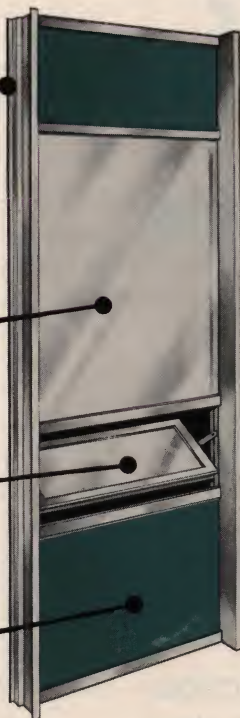


Double vinyl gaskets, under compression, between all units.

All glazing from inside building . . . Thiokol sealant recommended.

Pivoted vents to open in at top or out at bottom.

Porcelain enamel panels factory installed and Thiokol glazed.



"Custom-Look" Stock Variations

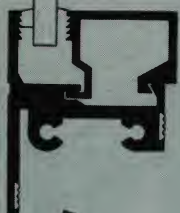
Dozens of architectural variations are possible from the basic stock unit. 4'0" wide, the height may vary from 9'0" to 22'0". Other width units are available if required.



BRASCO-WALL-DETAILS

ONE HALF SIZE

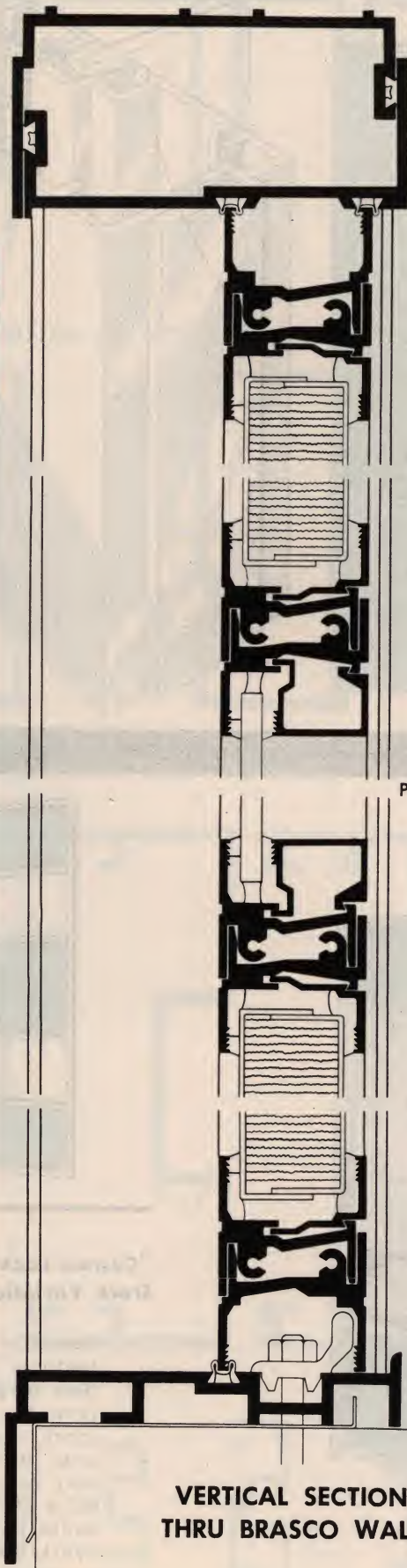
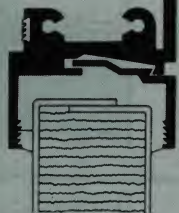
FIXED LIGHT



PIVOTED VENTILATOR
SWING IN AT TOP
OR
SWING OUT AT BOTTOM



PANEL
VERTICAL SECTION
THRU
VENTILATOR

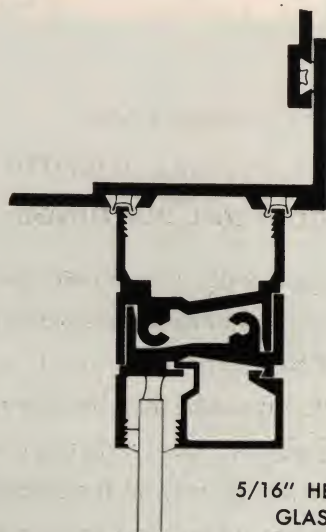


VERTICAL SECTION
THRU BRASCO WALL

1 1/4" THICK
INSULATED
PANEL

1/4" THICK
PLATE GLASS

1 1/4" THICK
INSULATED
PANEL

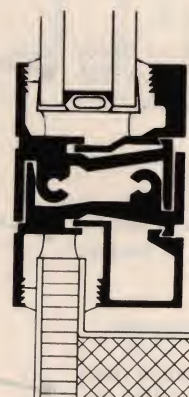


5/16" HEAT TREATED
GLASS PANEL



1/4" INSULATED
P. E. PANEL

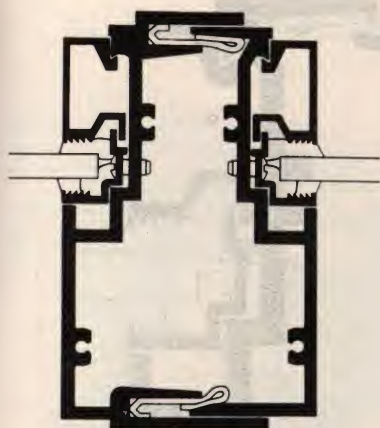
1/2" INSULATED
GLASS



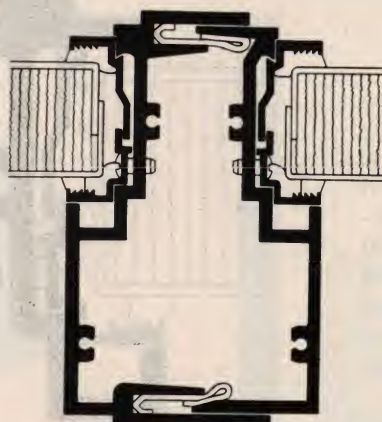
1" INSULATED
GLASS

2 1/4" INSULATED
P. E. PANEL

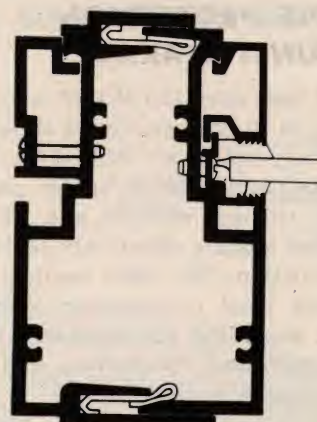
ALTERNATE
VERTICAL SECTIONS
THRU BRASCO WALL



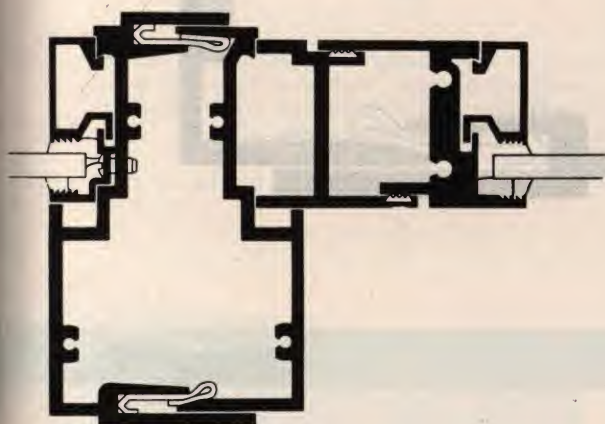
MULLION
Thru Plate Glass



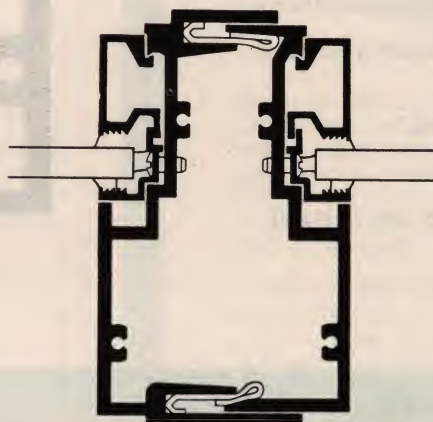
MULLION
Thru Panels



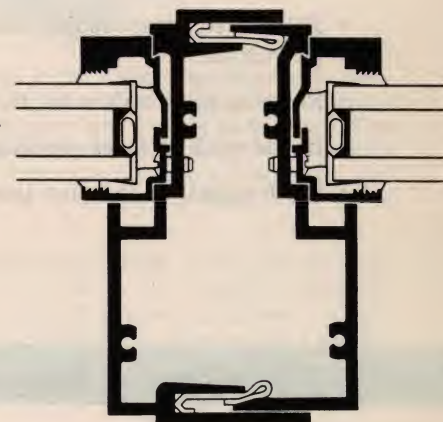
SIDE
Thru Plate Glass



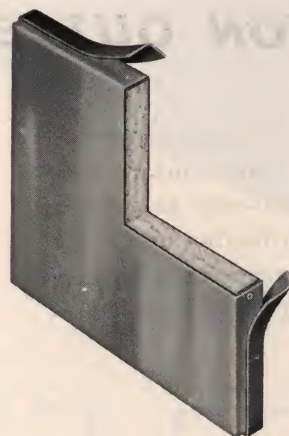
MULLION
At Ventilator



5/16 Tempered Glass
Spandrel Settings



One Inch Thick
Insulating Glass



Porcelain Enamel
PANEL

Correlated

WITH



BRASCO Entrances



BRASCO Store Fronts

and

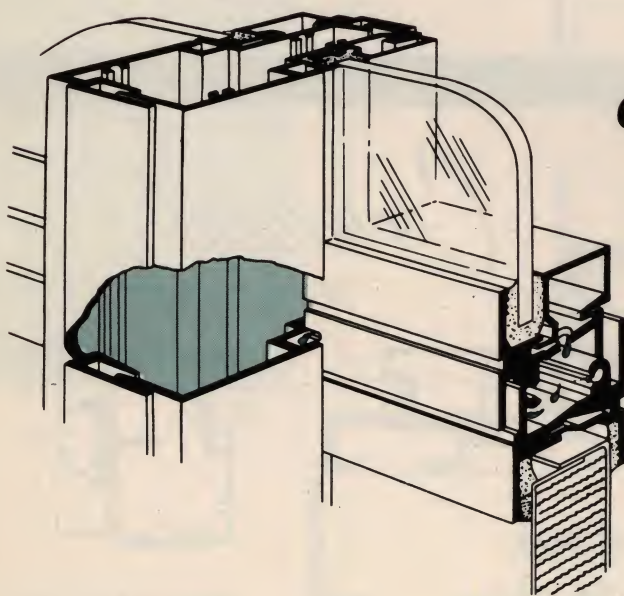
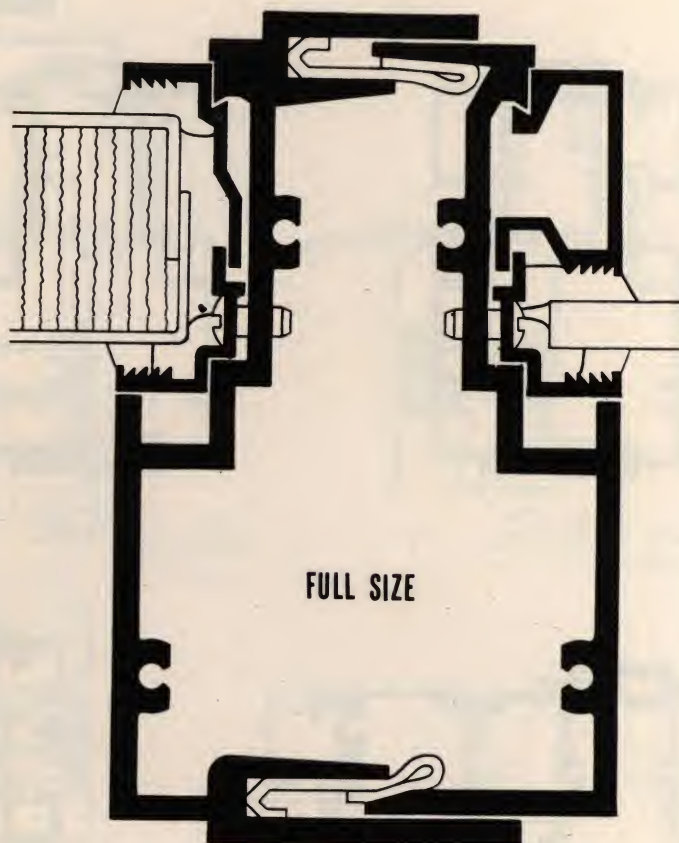
BRASCO • WALL

TRIPLE PROTECTION AGAINST LEAKAGE

Wind tests over 120 M.P.H. with water introduced at 20 gal. per minute show no water infiltration and no air infiltration. This, because double vinyl gaskets, under compression, at every vertical mullion and Thiokol recommended glazing effectively seals Brasco-wall construction. The split vertical mullion and floating head construction keep this sealed while providing the necessary tolerances for expansion and contraction and for building variations.

Important Construction Features . . .

- Adequate tolerance provided, horizontal and vertical, for building construction variations.
- Fabricated from 6063R1 anodized aluminum extrusions.
- Framing sections are $\frac{1}{8}$ " thick.
- Inside wall surfaces are flush.
- Predominating exterior lines are vertical.

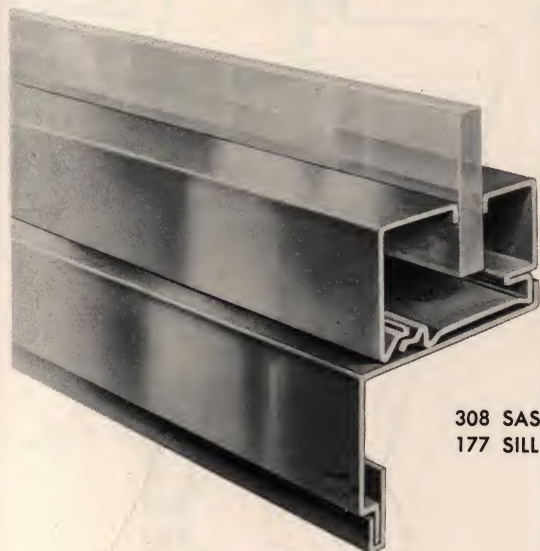


CONDENSATION OUTLET

Due to the nature of metal, condensation will occur in any curtain wall construction. Brasco-wall provides a concealed and protected outlet for these drops of water—along the vertical mullion and down and out at street level.

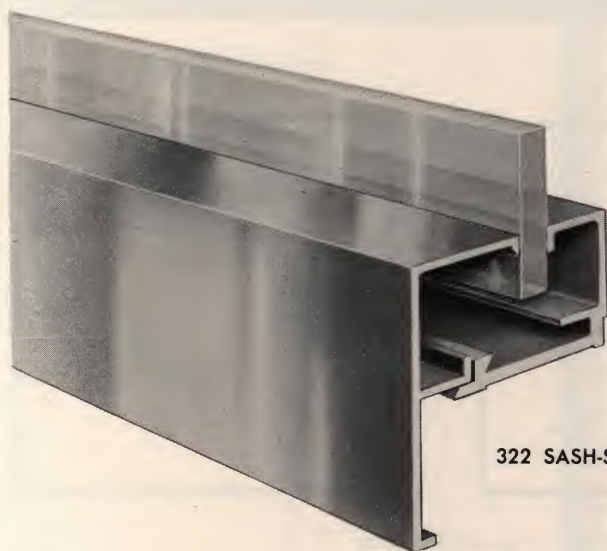
STORE FRONTS

SNAP-ON SASH



308 SASH
177 SILL

Brasco Snap-On Sash presents a modern, clean-lined appearance on *both sides* of the glass . . . ideal for both single and double face settings. Glass and metal are held securely with special stainless steel clip . . . a simple, practical setting system rigorously field tested and approved for glass safety and glazing economy.



322 SASH-SILL

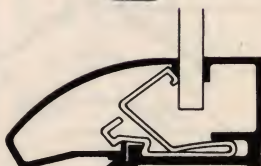
half size



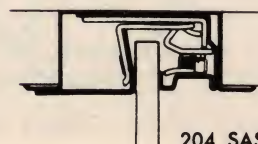
309 SASH



307 SASH



313 SASH



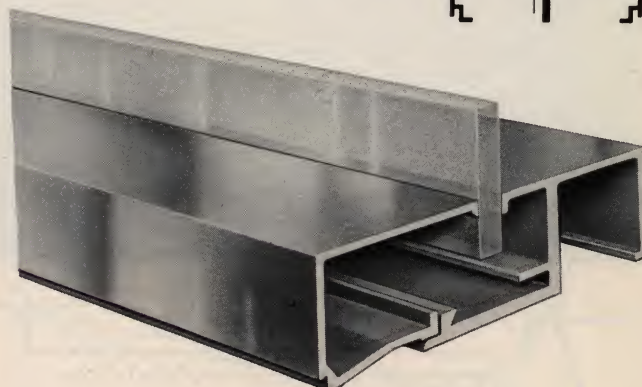
204 SASH



208 SASH

DIRECT-ON-MASONRY SETTINGS

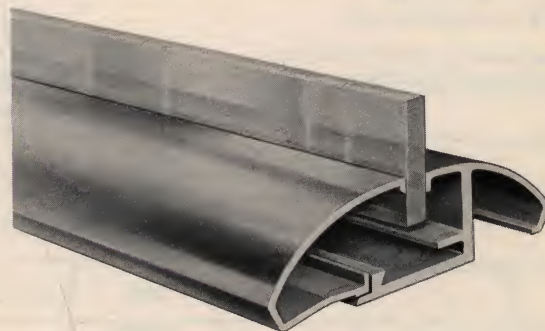
310 SASH
377 SILL



Snap-on Sash used with Direct-on-Masonry Settings presents a continuous flush glazed appearance, unmarred by screws or other visible fastenings. The combination provides full $\frac{3}{4}$ " glass grip, permits complete glazing from the outside, saves time and costs and retains its smart appearance with occasional cleaning.

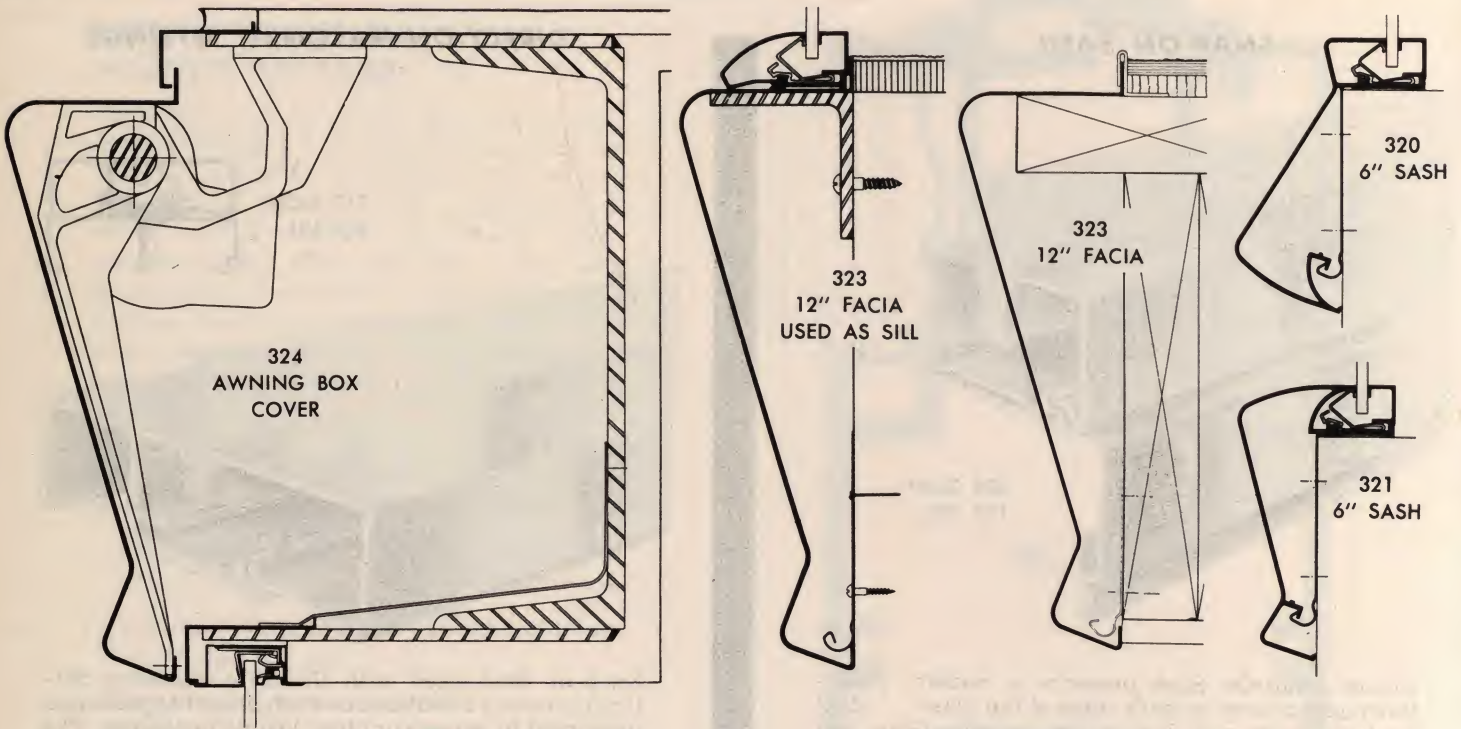
Direct-on-Masonry construction is completely self-supporting. It is set directly on masonry, marble, granite, steel, etc. and *eliminates* *woodwork*. There is nothing to rot out, nothing to wear out and necessitate repairs.

314 SASH
377 SILL



STORE FRONT DETAILS

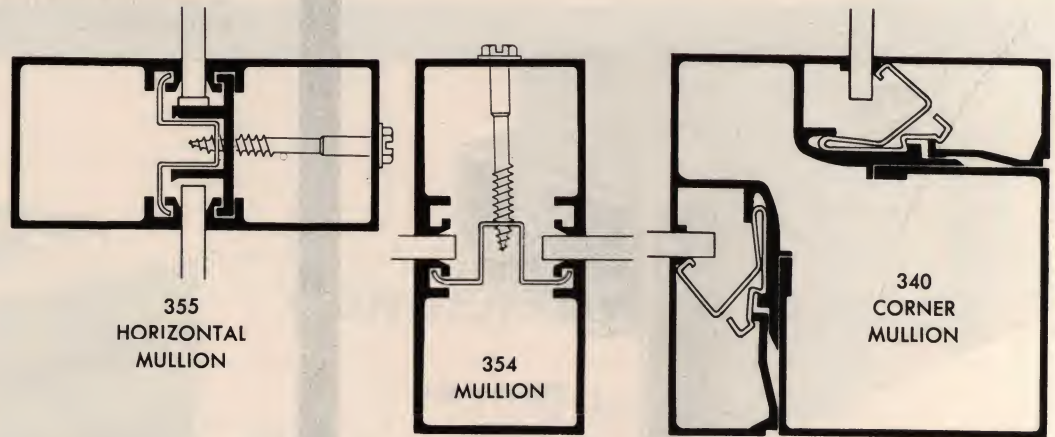
quarter size



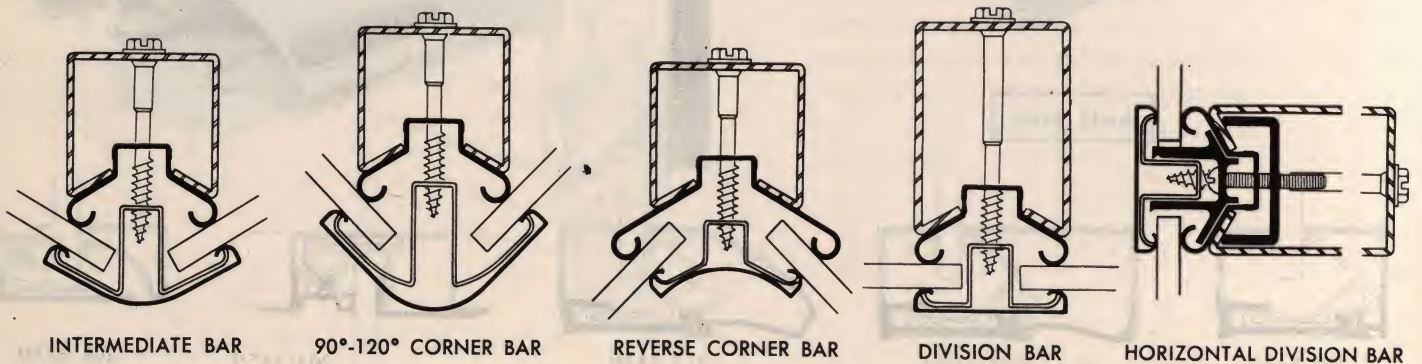
BRASCO BARS

SPECIAL FEATURES

- Designed for support of larger and heavier glass loads.
- No protruding screws or bolts.
- New reinforcements.
- Continuous draw plate for maximum security.



half size



REINFORCEMENTS

extruded aluminum



333

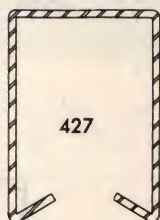


334



331

rolled steel



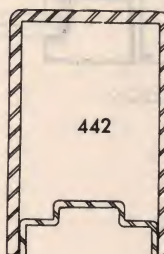
427



437



432

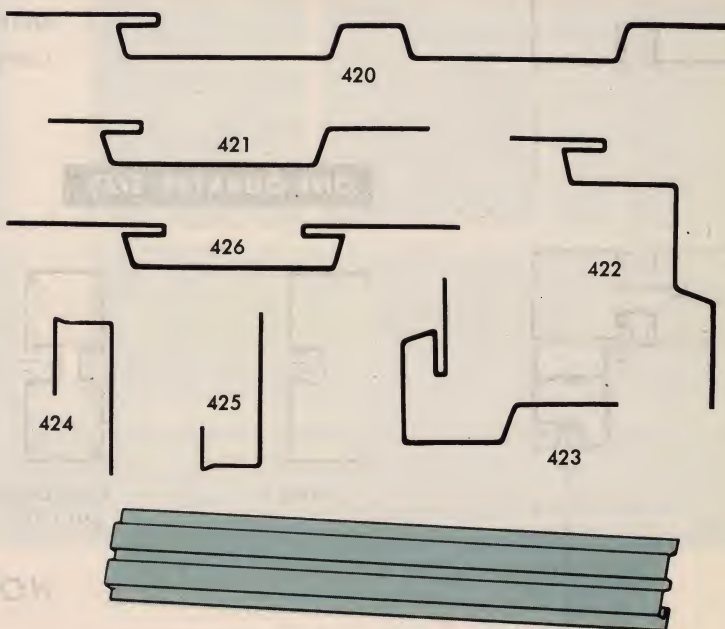


442

FACING METALS half size

420 series is an ideal facing material for new or remodeled construction. The baked-on-aluminum enamel is similar to that used on your automobile. Its rock-hard finish is suitable for exterior, as well as interior use. Now in 6 specially select colors and anodized aluminum, it can be used for "dressing-up" whenever the added attractiveness of color is called for.

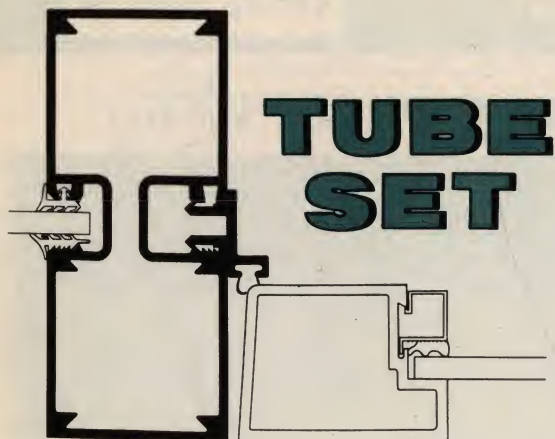
- BLAZING RED
- RUSSET BROWN
- ARCTIC WHITE
- SUNRISE YELLOW
- CAVALIER GREEN
- ONYX BLACK



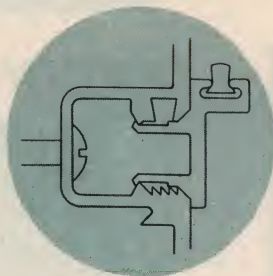
technical data

Base Material	.040 Aluminum
Base Color	Alykd Base Enamel
Primer	Zinc Chromate
Firing Method	Gas Fired Furnace
Method of Test	200 Hour Salt Spray
Result of Test	No Appreciable Deterioration
Color	Fade Resistant

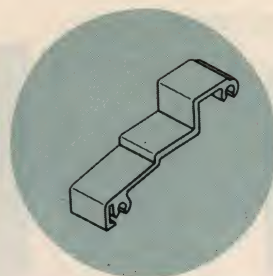
NEW



TUBE SET



NEW snap in door stops

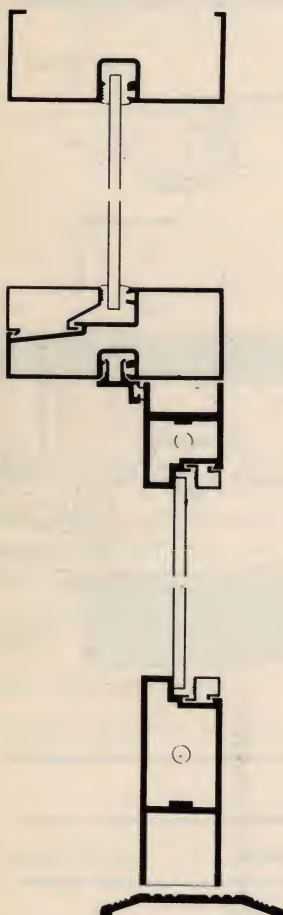


NEW weather-proofing anchor bracket



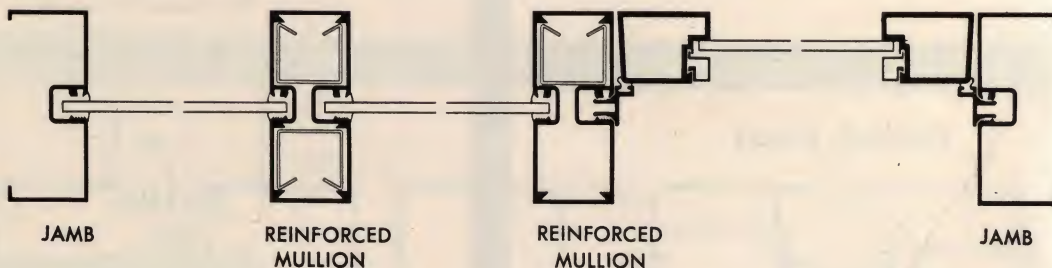
NEW water-proofing vinyl gasket glazing

A new flush glazing construction, with heavier, stronger sections. Full 2" x 4 3/4" profile incorporating NEW weatherproofing anchor brackets, NEW waterproofing vinyl gasket, NEW snap-in door stop. No exposed screws and completely anodized finish.

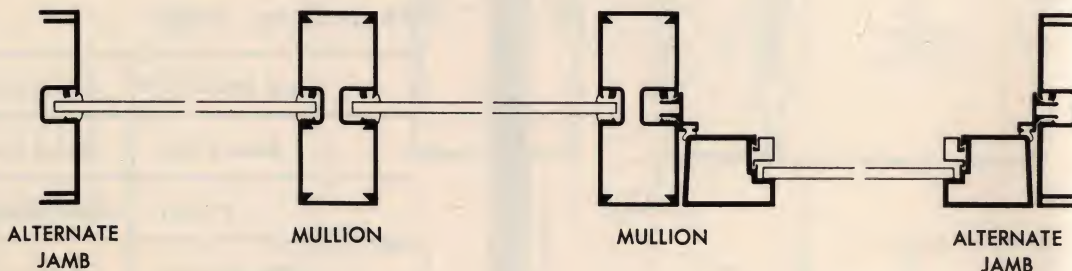


VERTICAL SECTION WITH BRASCO ENTRANCE

ONE QUARTER SIZE



HORIZONTAL SECTIONS



Brasco

MANUFACTURING CO. · HARVEY, ILL.

Digitized by:



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
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